11-28-01

Please type a plus sign (+) inside this box →

Approved for use through 10/31/02. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION

Attorney Docket No. 245402003400 Hiroki UEMURA First Inventor Ø SEMICONDUCTOR LASER DEVICE AND OPTICAL PICKUP APPARATUS Title

Date November 21

**TRANSMITTAL** Express Mail Label No. EL569182363US ro⊂ (Only for new nonprovisional applications under 37 CFR 1.53(b)) CERTIFICATE OF MAILING BY "EXPRESS MAIL" Date of Deposit: November \_26 , 2001 Express Mail Label No.: EL569182363US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Box Patent Application, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202. (M Caras Tamara Alcaraz Assistant Commissioner for Patents **APPLICATION ELEMENTS** ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 CD-ROM or CD-R in duplicate, large table or Computer Fee Transmittal Form (e.g. PTO/SB/17) - 2 pages 7. 1. 🔀 Program (Appendix) (Submit an original, and a duplicate for fee proc Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 8. 2. (if applicable, all necessary) See 37 CFR 1.27. Total Pages 17 Specification Computer Readable Form (CRF) 3. 🔀 (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the Invention Cross Reference to Related Applications i. CD-ROM or CD-R (2 copies); or Statement Regarding Fed sponsored R & D ii. D paper - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention Statements verifying identify of above copies **ACCOMPANYING APPLICATION PARTS** - Brief Summary of the Invention - Bnef Description of the Drawings (if filed) - Detailed Description Assignment Papers (cover sheet & document(s)) - 3 pages 9. 🗶 - Claim(s) 37 CFR 3.73(b) Statement - Abstract of the Disclosure 10. Power of Attorney (where there is an assignee) 4. 🗷 11.  $\square$ English Translation document (if applicable) [Total Sheets 6 ] Drawing(s) (35 USC 113) Copies of IDS Information Disclosure Statement X Citations - 10 Oath or Declaration [Total Pages 3 ] :5 (IDS)/PTO-1449 + copy - 5 pages pages Preliminary Amendment  $\mathbf{Z}$ Newly executed (original or copy) Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) 14. 🔀 b. uation/divisional with Box 18 completed) DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the Certified Copy of Priority Document(s) - 23 pages (if foreign priority is claimed) prior application, see 37 CFR 1.63(d)(2) and 1.33(b) Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant 16. must attach form PTO/SB/35 or its equivalent. 17. Application Data Sheet. See 37 CFR 1.76 - 2 pages 18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No: □ Continuation Divisional Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS ☐ Correspondence address below Customer Number or Bar Code Label PATENT TRADEMARK OFFICE (Insert Customer No. or Attach bar code label here) Name Thomas E. Ciotti Morrison & Foerster LLP 755 Page Mill Road 94304-1018 California Palo Alto (650) 494-0792 (650) 813-5702 United States of America Telephone 21.013 Registration No. (Attorney/Agent)

Signature

Name (Print/Type)

Thomas E. Ciotti

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of the paperwork Reduction Act of 1995, no persons are required to respond to a collection of the paperwork Reduction Act of 1995, no persons are required to a collection of the paperwork Reductio

F	<b>FEE TRANSMITTA</b>						
	F	OR	FY	200°	1		

	Ä	
Application Number	To Be Assigned	v.
Filing Date	Herewith	5
First Named Inventor	Hiroki UEMURA	5
Examiner Name	To Be Assigned	<u>D</u>
Group Art Unit	To Be Assigned	

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$) 780.00	\$) 780.00 Attorney Docket No. 245402003400		3400		
METHOD OF PAYMENT		FEE CALCULATION (continued)				
1 The Commissioner is hereby authorized to charge indicated	3. ADDITIONAL FEES					
Deposit Account Number  03-1952	Large Er Fee Fe Code (\$		Entity Fee (\$)	Fee De	scription	Fee Paid
Account Name Morrison & Foerster LLP	105 13	30 205	65	Surcharg	ge - late filing fee or oath	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50	227	25		ge - late provisional filing over sheet	
Applicant claims small entity status. See 37 CFR 1.27	139 13	30 139	130	Non-Eng	lish specification	
2. Payment Enclosed:	147 2,5	520 147	2,520	For filing reexamin	a request for ex parte	
☐ Check ☐ Credit Card ☐ Money Order ☐ Other	112 92	20* 112	920*	to Exam	ing publication of SIR prior iner action	
FEE CALCULATION	113 1,	,840* 113	1,840*		ting publication of SIR after er action	
1. BASIC FILING FEE	115 11	10 215	55	Extension	on for reply within first month	
nome control of the c	116 40	00 216	200	month	on for reply within second	
larne Entity Small Entity	117 92	20 217	460	month	on for reply within third	
Paid		,440 218	720	month	on for reply within fourth	
101 740 201 370 Utility filing fee 740		,960 228 20 219	980 160		on for reply within fifth month  If Appeal	<b></b>
106 330 206 165 Design filing fee		20 219 20 220	160		brief in support of an appeal	
107 510 207 255 Plant filing fee		80 221	140		t for oral hearing	
		,510 138	1,510		to institute a public use	
114 160 214 80 Provisional filing fee	140 1	10 240	55		to revive - unavoidable	
SUBTOTAL (1) (\$) 740		,280 241	640		to revive - unintentional	
2. EXTRA CLAIM FEES	142 1,	,280 242	640	Utility is	sue fee (or reissue)	
Extra Fee from Fee Paid Claims below		60 243	230	•	issue fee	
Total Claims 14 -20** = 0 x 18 = \$0		244	310	Plant is		<del>                                     </del>
Independent 2 -3** = 0 x 84 = \$0 Claims	122 1	30 122	130		s of the Commissioner	L
Multiple Dependent 280 = \$0	123 5	60 123	50	applica		
	126 1	180 126	180	Disclos	sion of Information ure Stmt	
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 4	10 581	40		ing each patent assignment perties (times number of ies)	40
103 18 203 9 Claims in excess of 20	146 7	740 246	370	rejectio		
102 84 202 42 Independent claims in excess of 3	149 7	740 249	370	For eac	R § 1.129(a)) th additional invention to be ed (37 CFR § 1.129(b))	
104 280 204 140 Multiple dependent claims, if not paid	179 7	740 279	370		st for Continued Examination	
*Reissue independent claims over	169 9	900 169	900	Reque	st for expedited examination sign application	
110 18 210 9 "Reissue claims in excess of 20 and over original patent"				Jiauc	orge, approaction	
Over Original patent	Other fee (sp	Other fee (specify)				
SUBTOTAL (2) (\$) 0  ** or number previously paid, if greater; For reissues, see above.	*Reduced by	*Reduced by Basic Filing Fee Paid SI			SUBTOTAL (3)	5) 40
SUBMITTED BY		Complete (if applicable)				
Name (Print/Type) Thomas E. Ciotti		ation No. ey/Agent)	21,013		Telephone (650) 81	3-5702
Signature Thomas S Linths Date						er <b>26</b> 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.